



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)

BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208

Miami, Florida 33175-2474

T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/pera/

Clopay Building Products Company

8585 Duke Boulevard

Mason, OH 45040

SCOPE: This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Steel Sectional Garage Door up to 16'-2" Wide w/ Optional Impact Resistant Lites

APPROVAL DOCUMENT: Drawing No. **101488**, titled "M/N 4300/01/10, 4400/01, HDG/L, 66/7/8, H300/01/10, H400/01", sheet 1 and 2 of 2, dated 07/06/1995, with revision 15 dated 01/2012, prepared by Clopay Building Products Company, signed and sealed by Scott Hamilton, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: A permanent label with the manufacturer's name or logo, manufacturing address, model number, the positive and negative design pressure rating, indicate impact rated if applicable, installation instruction drawing reference number, approval number (NOA), the applicable test standards, and the statement reading 'Miami-Dade County Product Control Approved' is to be located on the door's side track, bottom angle, or inner surface of a panel.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # **08-0402.12** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



[Signature]
103/26/2012

NOA No 12-0125.07

Expiration Date: September 26, 2012

Approval Date: April 5, 2012

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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **101488**, titled "M/N 4300/01/10, 4400/01, HDG/L, 66/7/8, H300/01/10, H400/01", sheet 1 and 2 of 2, dated 07/06/1995, with revision 15 dated 01/2012, prepared by Clopay Building Products Company, signed and sealed by Scott Hamilton, P.E.

B. TESTS "*Submitted under NOA # 08-0402.12*"

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
4) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
5) Tensile Test per ASTM E8

Along with marked-up drawings and installation diagram of 16'2"x 8', 27ga steel garage door Model 4300 with windows, prepared by American Test Lab, Inc., Test Report No. **ATLNC 0128.01-08**, dated 03/13/2008, signed and sealed by David W. Johnson, P.E.


"Submitted under NOA # 07-0809.02"

2. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94

Along with marked-up drawings and installation diagram of 16'2"x 8', 27ga steel garage door Model 4300, prepared by American Test Lab, Inc., Test Report No. **ATLNC 0509.01-07**, dated 07/11/2007, signed and sealed by David W. Johnson, P.E.

"Submitted under NOA # 07-0807.14"

3. Test report on Salt Spray per ASTM B117 of painted G40 galvanized coated panels, prepared by Stork Materials Technology, Test Report No. **30160-04-63365**, dated 01/26/2005, signed by John D. Lee, P.E.
4. Test report on Accelerated Weathering Using Xenon Arc Light Apparatus per ASTM G155 of Lexan SLX2432T Clear Polycarbonate, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-06-A002**, dated 12/04/2006, signed by Rafael E. Droz-Seda, P.E.



03/26/2012

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 12-0125.07

Expiration Date: September 26, 2012

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B. TESTS (continued) "Submitted under NOA # 07-0807.14"

5. Test report on Self-Ignition Temperature per ASTM D1929, Rate of Burn per ASTM D635, and Smoke Density per ASTM D2843 of the Lexan Plastic, prepared by ETC Laboratories, Test Report No. **ETC-06-1024-17496.0**, dated 05/26/2006, signed by Joseph L. Doldan, P.E.
6. Test report on Surface Burning Characteristics, per ASTM E84 of Type I EPS, Report No. **3082960-500**, prepared by Intertek Testing Services, NA, Inc., dated 10/04/2005, signed by Javier Trevino.
7. Test report on Ignition Properties of Plastics per ASTM D1929 of Type I EPS, Report No. **3082959-500**, prepared by Intertek Testing Services, NA, Inc., dated 09/16/2005, signed by C. Anthony Peñaloza.

C. CALCULATIONS "Submitted under NOA # 08-0402.12"

1. Jamb anchor calculations, complying with FBC-2004, prepared by Clopay Building Products Company, dated 03/31/2008, signed and sealed by Scott Hamilton, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA)

E. MATERIAL CERTIFICATIONS


1. None.

F. STATEMENTS

1. Statement letter of code conformance to 2007 and 2010 FBC, dated 01/19/2012, signed and sealed by Scott Hamilton, P.E.

"Submitted under NOA # 08-0402.12"

2. Statement letter of no financial interest issued by Clopay Building Products Company, dated 03/31/2008, signed and sealed by Scott Hamilton, P.E.


03/26/2012

Carlos M. Utrera, P.E.

Product Control Examiner

NOA No 12-0125.07

Expiration Date: September 26, 2012

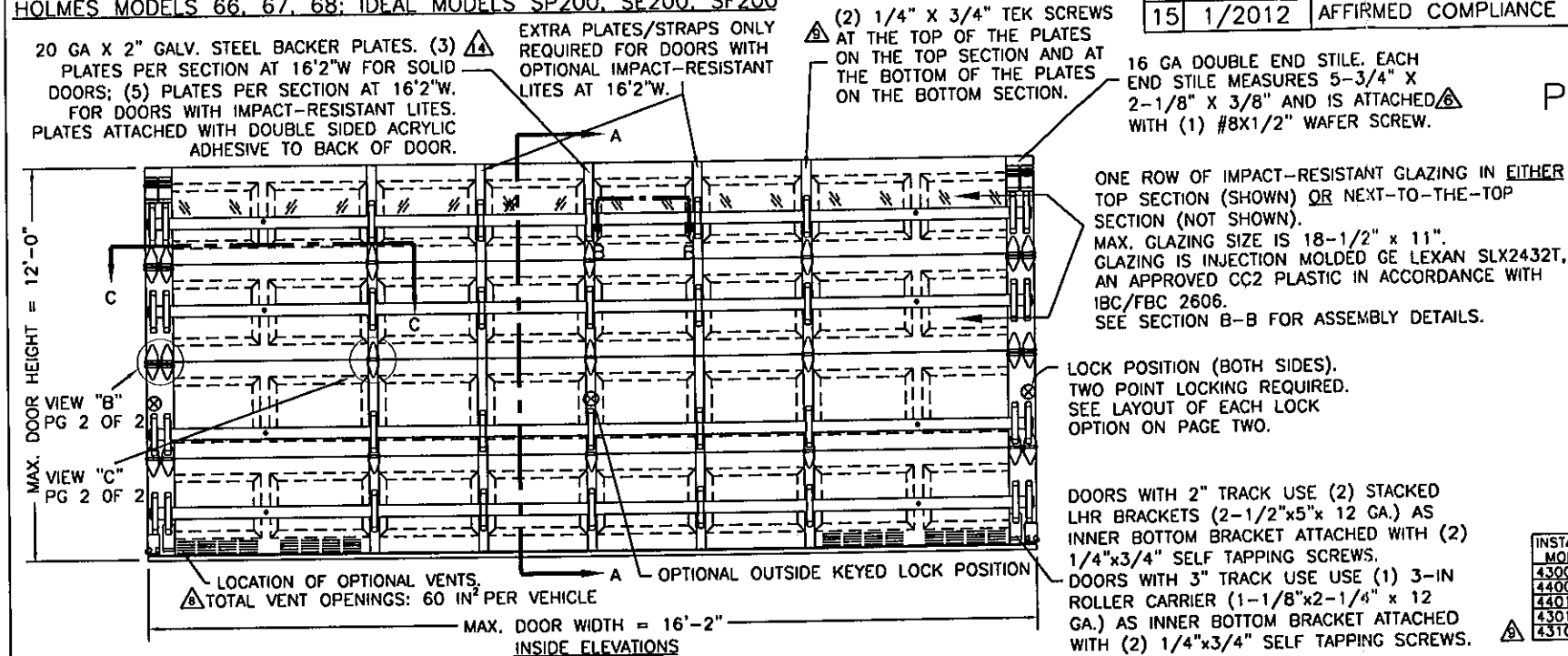
Approval Date: April 5, 2012

CLOPAY MODELS 4300, 4301, 4310, 4400, 4401, HDG, HDGL, H300, H301, H310, H400, H401
HOLMES MODELS 66, 67, 68; IDEAL MODELS SP200, SE200, SF200

REV	DATE	DESCRIPTION
14	2/2008	UPDATED QTY OF BACKER PLATES & STRAPS.
15	1/2012	AFFIRMED COMPLIANCE WITH FBC 2010.

REV	DATE	DESCRIPTION
9	8/2003	ADD EXT. HEIGHT M/N; DEL. 2400/01; 2 PAGES
10	2/2004	JAMB ATTACHMENT & EDGE DISTANCE NOTES MODIFIED
11	4/2004	ADDED VARIOUS COMPONENT DIMENSIONS
12	8/2004	ADDED JAMB, JAMB FASTENER, AND END STILE NOTES
13	7/2007	UPDATED JAMB FASTENERS; DESIGN ENGINEER WAS M. WESTERFIELD. ADDED OPTIONAL IMPACT RESISTANT LIGHTS

PAGE 1 OF 2



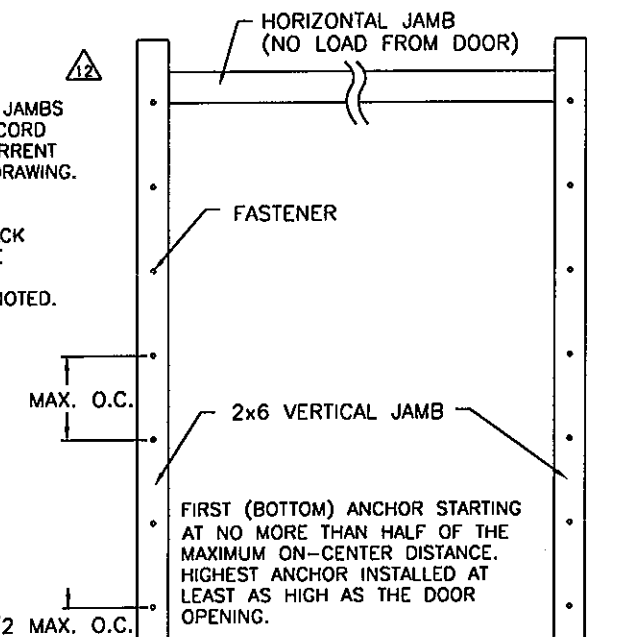
JAMB PREPARATION NOTE

THE METHOD OF ATTACHMENT TO THE SUPPORTING STRUCTURE OF THE PRESSURE TREATED 2x6 WOOD JAMBS SHALL BE APPROVED BY THE PROFESSIONAL OF RECORD FOR THE STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING. PREPARATION OF JAMBS BY OTHERS.

ALL MOUNTING OF TRACK, ANGLES, HORIZONTAL TRACK SUPPORTS, AND ALL OTHER DOOR HARDWARE TO BE INSTALLED PER CLOPAY INSTALLATION INSTRUCTIONS SUPPLIED WITH DOOR SYSTEM UNLESS OTHERWISE NOTED.

SEE PAGE 2 OF 2 FOR ADDITIONAL DETAILS

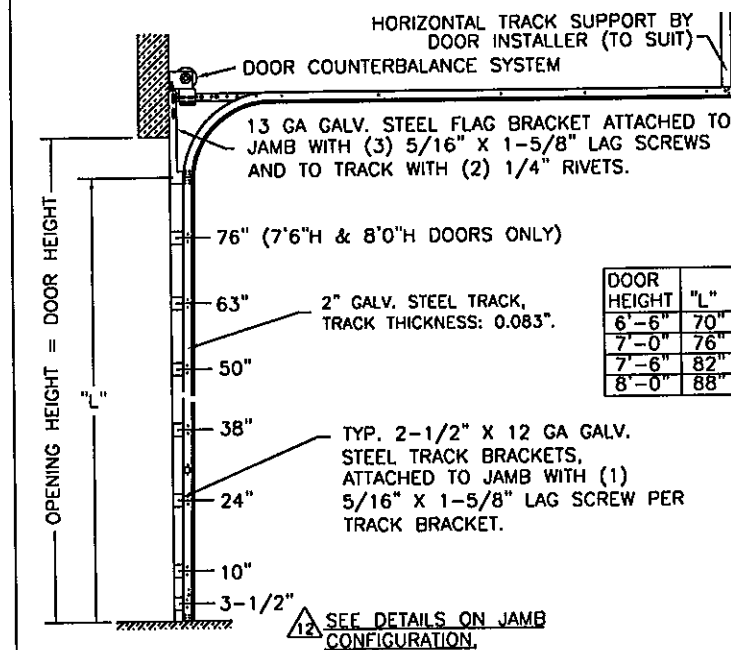
INSTALLER MODEL	RETAIL MODEL	DESCRIPTION
4300/H300/SP200	HDG, 66	27 GA. EXT. SKIN; SHORT RAISED PANEL
4400/H400	N/A	24 GA. EXT. SKIN; SHORT RAISED PANEL
4401/H401	N/A	24 GA. EXT. SKIN; FLUSH PANEL
4301/H301/SF200	68	27 GA. EXT. SKIN; FLUSH PANEL
4310/H310/SE200	HDGL, 67	27 GA. EXT. SKIN; WIDE RAISED PANEL



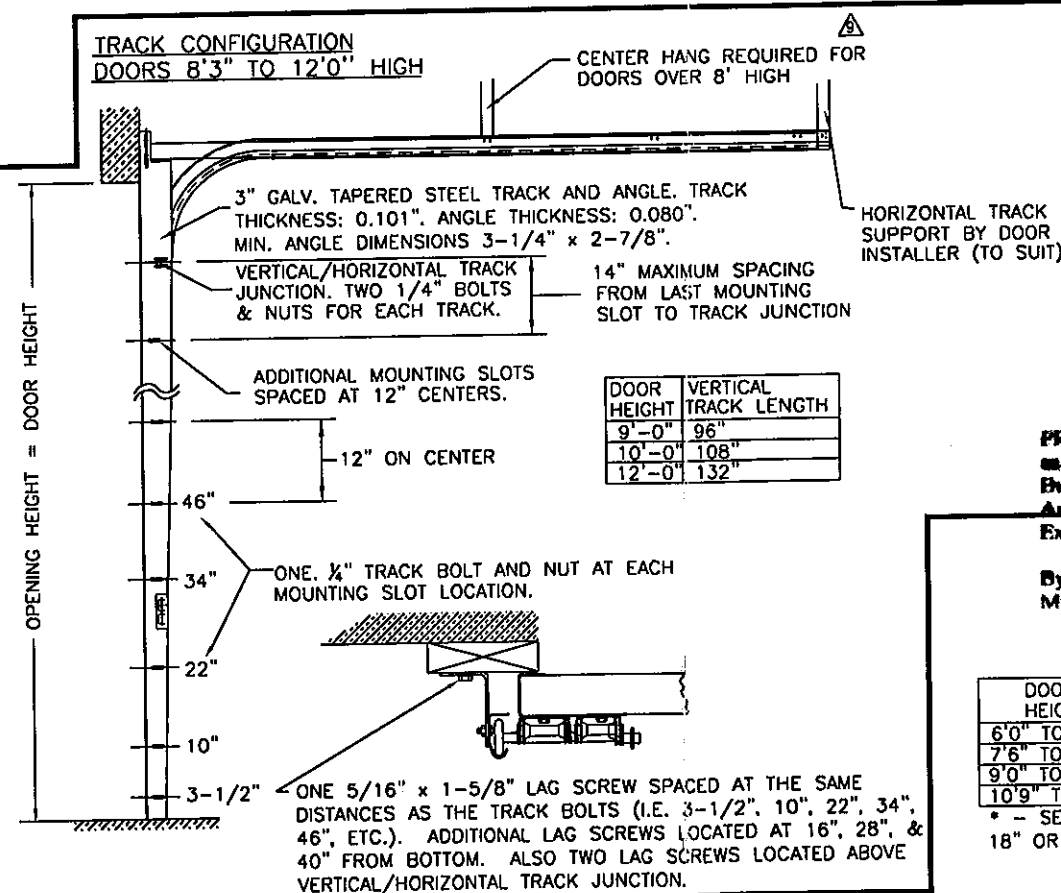
THIS DOOR MEETS THE REQUIREMENTS OF THE LARGE MISSILE IMPACT AND CYCLIC TESTING.

THIS PRODUCT CONFORMS TO THE REQUIREMENTS OF THE 2007 AND 2010 FBC.

TRACK CONFIGURATION DOORS UP TO 8'0" HIGH



TRACK CONFIGURATION DOORS 8'3" TO 12'0" HIGH



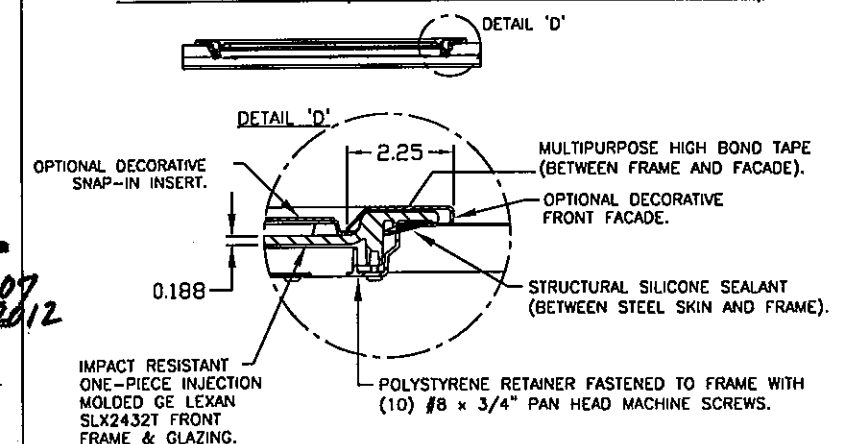
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0125-07
Expiration Date 09/26/2012

By *[Signature]*
Miami Dade Product Control

DOOR HEIGHT	NUMBER OF SECTIONS*
6'0" TO 7'0"	4
7'6" TO 8'9"	5
9'0" TO 10'6"	6
10'9" TO 12'0"	7

* - SECTIONS ARE EITHER 18" OR 21" HIGH

SECTION B-B (IMPACT RESISTANT GLAZING)



IMPACT RESISTANT GLAZING OPTION:
OPTIONAL INJECTION-MOLDED FRONT FRAME AND GLAZING POLYCARBONATE LITES AVAILABLE. OPTIONAL POLYCARBONATE GLAZING IS GE LEXAN SLX2432T, AN APPROVED CC2 PLASTIC IN ACCORDANCE WITH IBC/FBC 2606.
THE GLAZING DESCRIBED IN THIS SECTION MEETS THE WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE OR INTERNATIONAL BUILDING CODE AND DOES MEET THE LARGE MISSILE IMPACT AND CYCLIC TEST REQUIREMENTS (REF. CHAPTER 16 FBC/IBC).

DESIGN LOADS: +46.6 PSF & -52.0 PSF

TOLERANCES Unless Stated Otherwise	.00 = ±.03 .000 = ±.015 .0000 = ±.007 Degrees = ±1/2°	SCALE: NTS DATE: 7/6/95	PAGE: 1 OF 2 MAX. SIZE: 16'2"W x 12'0"H
CLOPAY BUILDING PRODUCTS 8585 DUKE BLVD. MASON, OHIO 45040 (513) 770-4800	DESIGN ENGINEER: SCOTT HAMILTON, P.E. FLORIDA LICENSE No. 65286	DESCRIPTION: M/N 4300/01/10, 4400/01, HDG/L, 66/7/8, H300/01/10, H400/01	DRAWING NUMBER: 101488 VER: M-D

Clopay
Building Products
Company

NOTE: SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR THE WIND LOADS SHOWN ON THIS DRAWING.

JAMB TO SUPPORTING STRUCTURE ATTACHMENT

PAGE 2 OF 2

REV	DATE	DESCRIPTION
15	1/2012	SEE REVISION HISTORY ON PAGE ONE.

NOTES:

1. ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE TRACK AND THEN FROM THE TRACK TO THE 2x6 VERTICAL SYP (GRADE #2 OR BETTER) JAMBS. NO LOAD FROM THE DOOR IS TRANSFERRED TO THE HORIZONTAL (TOP) JAMB.
2. EACH VERTICAL JAMB SEES A MAXIMUM DESIGN LOAD OF +372.8 LB & -416 LB. PER LINEAR FOOT OF JAMB.
3. ALL JAMB FASTENERS MAY BE (BUT ARE NOT REQUIRED TO BE) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
4. A 1/3 STRESS INCREASE FOR WIND LOAD WAS NOT USED IN THE CALCULATION OF ALLOWABLE LOADS FOR ANCHORS AND FASTENERS FOR STEEL, CONCRETE AND MASONRY.

WOOD FRAME BUILDINGS

STUD WALLS OF DOOR OPENING SHALL BE FRAMED SOLID BY NOT LESS THAN (3) 2x6 PRESSURE TREATED SYP (GRADE #2 OR BETTER) WOOD STUDS OF A STRESS GRADE NOT LESS THAN 1200 PSI NOMINAL EXTREME FIBER STRESS IN BENDING (F_b) FOR DOORS UP TO 8'0" HIGH OR (4) 2x6 PRESSURE TREATED SYP (GRADE #2 OR BETTER) WOOD STUDS OF A STRESS GRADE NOT LESS THAN 1200 PSI NOMINAL EXTREME FIBER STRESS IN BENDING (F_b) FOR DOORS UP TO 12'0" HIGH. STUD WALLS TO BE CONTINUOUS FROM FOOTING TO TIE BEAMS.

BLOCK WALL OR CONCRETE

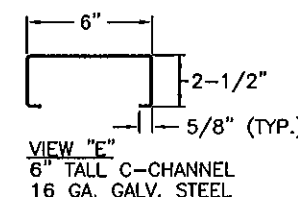
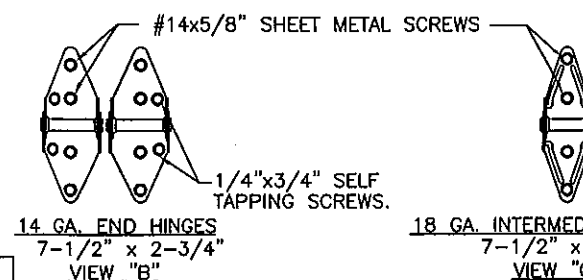
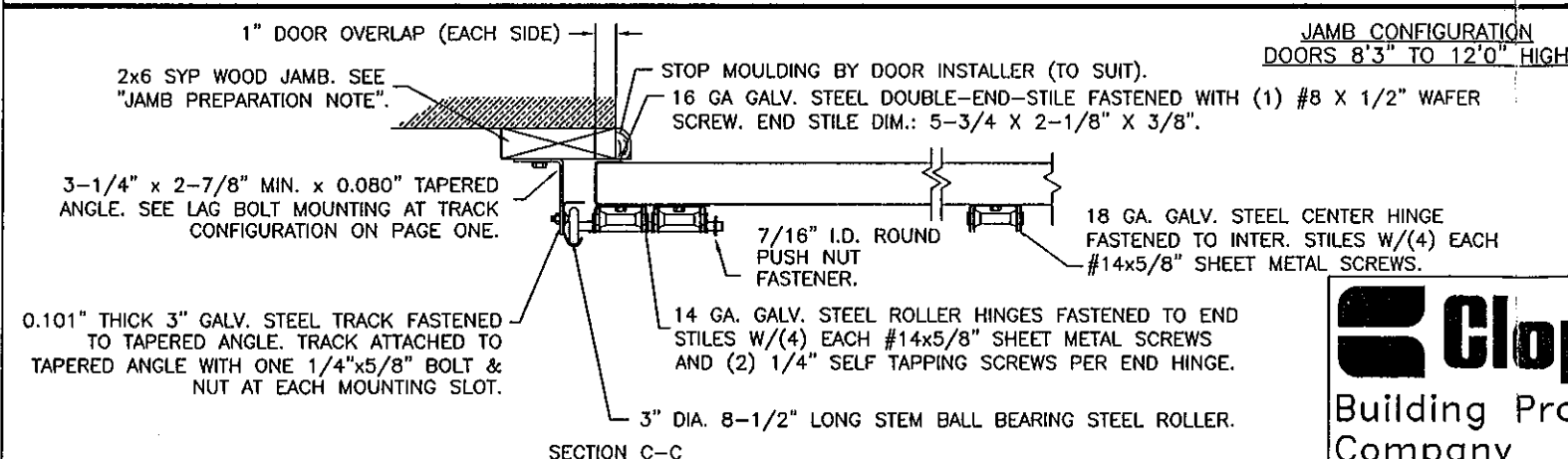
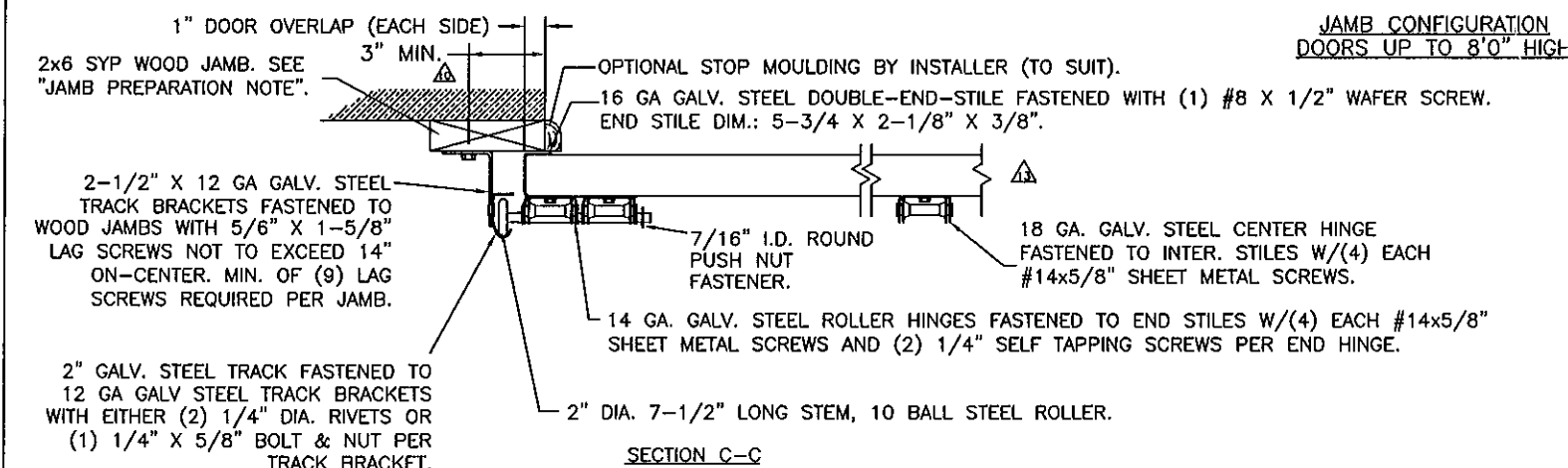
2x6 SYP (GRADE #2 OR BETTER) WOOD JAMB SHALL BE ANCHORED TO GROUT REINFORCED BLOCK WALL OR CONCRETE COLUMN. BLOCK WALL CELLS SHALL BE FILLED WITH CONCRETE AND REINFORCED WITH REINFORCING BARS EXTENDING INTO THE FOOTING AND INTO TIE BEAMS. ALL BARS SHALL BE CONTINUOUS FROM THE TIE BEAMS TO FOOTING PER BLOCK WALL OR CONCRETE COLUMN. BLOCK WALLS AND CONCRETE COLUMNS TO BE DESIGNED BY THE BUILDING ENGINEER OR ARCHITECT OF RECORD AND IN ACCORDANCE WITH THE FLORIDA BUILDING CODE.

2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT

(NOT TO BE USED FOR ATTACHMENT OF TRACK ANGLE TO 2x6 VERTICAL JAMBS OR SUPPORTING STRUCTURE)

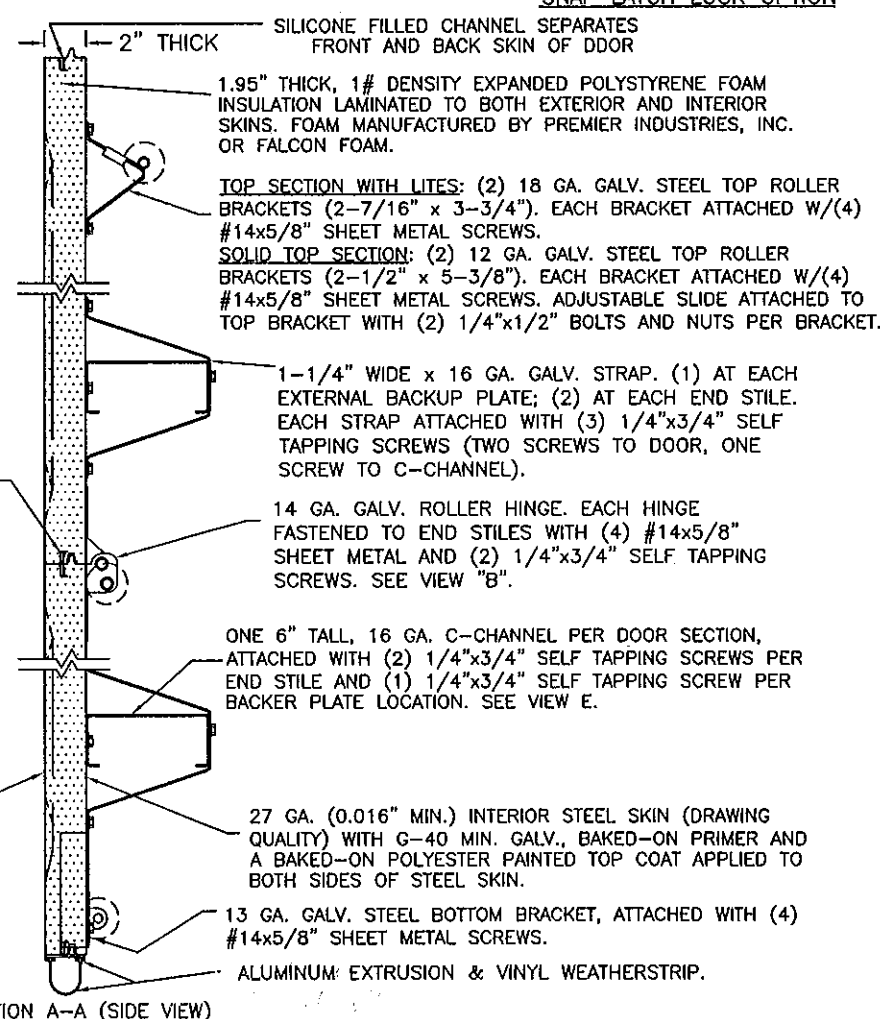
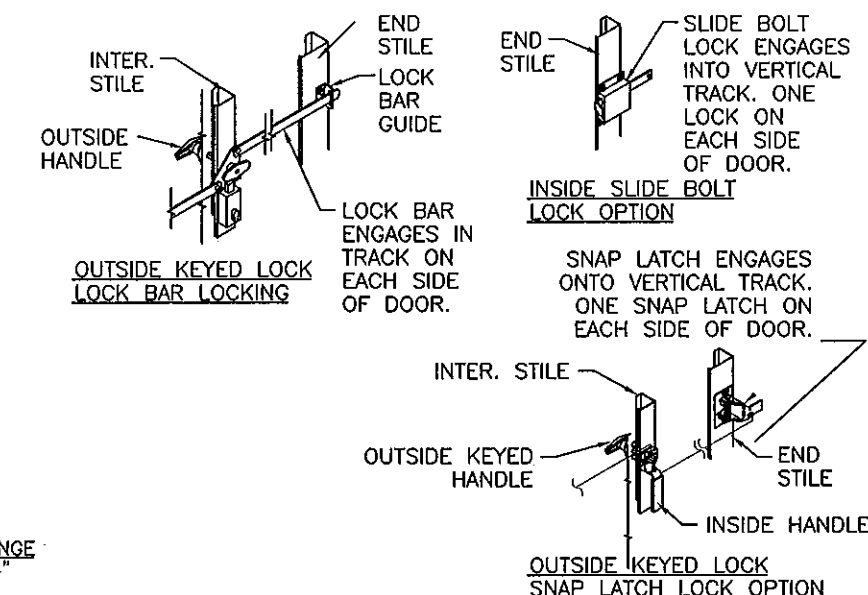
BUILDING TYPE	FASTENER TYPE	MAXIMUM ON-CENTER DISTANCE BETWEEN FASTENERS*	STEEL WASHERS REQUIRED?
△ BLOCK WALL	1/4" x 1-1/4" MIN. EMBED TAPCON CONCRETE ANCHOR	4-1/2"	1" O.D.
△ 2000 PSI MIN. CONCRETE	1/4" x 1-3/4" MIN. EMBED TAPCON CONCRETE ANCHOR	12-1/2"	1" O.D.
△ 3000 PSI MIN. CONCRETE	1/2" x 1-3/4" MIN. EMBED SIMPSON STRONG-TIE WEDGE-ALL WEDGE ANCHOR	12-1/2"	INCLUDED
△ 2000 PSI MIN. CONCRETE	3/8" x 1-3/4" MIN. EMBED SLEEVE ANCHOR	14"	INCLUDED
△ WOOD FRAME (SYP 0.55 SG)	1/2" x 3" LAG SCREW (ASTM A307, GRADE A) 1-5/8" EMBED INTO STRUCTURE	14-1/2"	1" O.D.

* MINIMUM DISTANCE BETWEEN CENTER OF ANCHOR AND EDGE OF CONCRETE BLOCK: 3", EXCLUDING STUCCO THICKNESS.
 * FIRST (BOTTOM) ANCHOR STARTING AT NO MORE THAN HALF OF THE MAXIMUM ON-CENTER DISTANCE. HIGHEST ANCHOR INSTALLED AT LEAST AS HIGH AS THE DOOR OPENING.
 CLOPAY DOES NOT SUPPLY JAMB ATTACHMENT FASTENERS.



27 GA (0.016" MIN.) EXTERIOR STEEL SKIN (MIN. YIELD STRENGTH: 27 KSI, DRAWING QUALITY) WITH G-40 MIN. GALV. BAKED-ON POLYESTER PAINTED TOP COAT APPLIED TO BOTH SIDES OF STEEL SKIN.

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No 12-0125-07
 Expiration Date 09/26/2012
 By *[Signature]*
 Miami/Dade Product Control



DESIGN LOADS: +46.6 PSF & -52.0 PSF

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			DRAWING NUMBER: B 101488	